

LONG-TERM FIELD EVALUATION (LTFE) OF MINE ESCAPE RESPIRATOR (SCSRs CCERs) FY13 (927PP30)

Objective

To evaluate the long term field performance of Self-Contained Self-Rescuers (SCSRs) deployed in US underground coal mines. This is an ongoing project that provides performance and reliability data on field deployed SCSRs

Applicable Standards

Activities mandated by 30 CFR 75.1714.14 et seq
42 CFR 84 subpart H and eventually O

Key Partners

USA and International Respirator Manufacturers; MSHA, UMWA.

Stakeholders BCOA, NMA, UMWA, USWA, Closed Circuit Escape Respirator Manufacturers.

Project Scope

- Collect a statistically significant sample of field deployed SCSR devices that pass manufacturer visual inspection criteria.
- Test SCSRs collected with the ABMS machines.
- Report results to mine operators, MSHA and Manufacturers.
- Liaison with stakeholders on testing issues.

Milestones

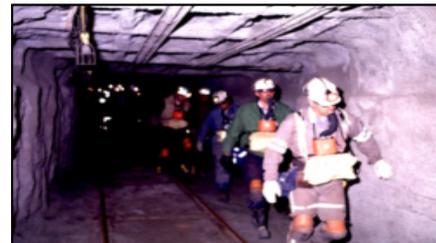
- Improved sampling methodology for the LTFE
- Improved LTFE sample handling and recording
- Identified problem with inspection of field deployed units
- LTR2-Completed ABMS testing on 343 units.

Outputs

- LTR1- Draft report in initial review with TEB as of 3/20/2012.
- 9 Problem Reports have been submitted for review/action by the post certification team . Evaluation for CPIP is still underway.

Outcomes

- Validation that equipment is performing as certified
- Corrective actions by manufacturers to address reported problems
- SR100 phase still on track to be completed by 12/31/2013



Updated: 04 April 2013